

Multiply Fractions and Whole Numbers

Guided Practice

Multiply. Write in simplest form. (Examples 1–3)

1. $10 \times \frac{4}{5} =$ _____

Show your work.

2. $2 \times \frac{3}{4} =$ _____

3. $\frac{3}{8} \times 11 =$ _____

4. $\frac{3}{7} \times 9 =$ _____

5. A cat spends $\frac{2}{3}$ of its life asleep. If a cat lives to be 15 years old, how many years did it spend asleep? (Example 4) _____

Independent Practice

Multiply. Write in simplest form. (Examples 1–3)

1. $20 \times \frac{3}{4} =$ _____

2. $14 \times \frac{2}{7} =$ _____

3. $10 \times \frac{1}{5} =$ _____

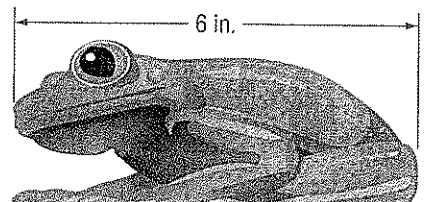
Show your work.

4. $\frac{3}{4} \times 6 =$ _____

5. $\frac{2}{5} \times 11 =$ _____

6. $\frac{1}{4} \times 6 =$ _____

- STEM** The male Cuban tree frog is about $\frac{2}{5}$ the size of the female Cuban tree frog. The average size of the female Cuban tree frog is shown at the right. What is the size of the male Cuban tree frog? (Example 4) _____



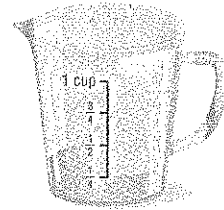
8. The Mississippi River is the second longest river in the United States, second only to the Missouri River. The Mississippi River is about $\frac{23}{25}$ the length of the Missouri River. If the Missouri River is 2,540 miles long, how long is the Mississippi River? (Example 4)
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Standardized Test Practice

15. Jenny made five loaves of banana bread that had $\frac{1}{4}$ cup of oil in each loaf. How many cups of oil were used in all?

- (A) 5 (C) $1\frac{1}{4}$
(B) 4 (D) $\frac{3}{4}$



18. $8 \times \frac{1}{4} =$

19. $\frac{1}{5} \times 7 =$

20. $\frac{3}{7} \times 8 =$

21. $\frac{5}{6} \times 15 =$

22. For a singing contest in which 42,000 votes were cast, the winner received $\frac{3}{5}$ of the votes. How many votes did the winner *not* receive?
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23. **STEM** In a recent year, the weather was partly cloudy $\frac{2}{5}$ of the days. Assuming there are 365 days in a year, how many days were partly cloudy?
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